

09/913/10

Rec'd PCT/PTO 04 NOV 2002

## SEQUENCE LISTING

&lt;110&gt; Takeda Chemical Industries, Ltd.

&lt;120&gt; Novel G Protein Coupled Receptor Protein and Its DNA

&lt;130&gt; 2590WOOP

&lt;150&gt; JP 11-041336

&lt;151&gt; 1999-02-19

&lt;150&gt; JP 11-125768

&lt;151&gt; 1999-05-06

&lt;160&gt; 4

&lt;210&gt; 1

&lt;211&gt; 340

&lt;212&gt; PRT

&lt;213&gt; Human

&lt;400&gt; 1

Met	Asn	Pro	Phe	His	Ala	Ser	Cys	Trp	Asn	Thr	Ser	Ala	Glu	Leu	Leu
									5	10					15
Asn	Lys	Ser	Trp	Asn	Lys	Glu	Phe	Ala	Tyr	Gln	Thr	Ala	Ser	Val	Val
									20	25					30
Asp	Thr	Val	Ile	Leu	Pro	Ser	Met	Ile	Gly	Ile	Ile	Cys	Ser	Thr	Gly
								35	40			45			
Leu	Val	Gly	Asn	Ile	Leu	Ile	Val	Phe	Thr	Ile	Ile	Arg	Ser	Arg	Lys
								50	55			60			
Lys	Thr	Val	Pro	Asp	Ile	Tyr	Ile	Cys	Asn	Leu	Ala	Val	Ala	Asp	Leu
								65	70			75			80
Val	His	Ile	Val	Gly	Met	Pro	Phe	Leu	Ile	His	Gln	Trp	Ala	Arg	Gly
								85	90			95			
Gly	Glu	Trp	Val	Phe	Gly	Gly	Pro	Leu	Cys	Thr	Ile	Ile	Thr	Ser	Leu
								100	105			110			
Asp	Thr	Cys	Asn	Gln	Phe	Ala	Cys	Ser	Ala	Ile	Met	Thr	Val	Met	Ser
								115	120			125			
Val	Asp	Arg	Tyr	Phe	Ala	Leu	Val	Gln	Pro	Phe	Arg	Leu	Thr	Arg	Trp
								130	135			140			
Arg	Thr	Arg	Tyr	Lys	Thr	Ile	Arg	Ile	Asn	Leu	Gly	Leu	Trp	Ala	Ala
								145	150			155			160
Ser	Phe	Ile	Leu	Ala	Leu	Pro	Val	Trp	Val	Tyr	Ser	Lys	Val	Ile	Lys
								165	170			175			
Phe	Lys	Asp	Gly	Val	Glu	Ser	Cys	Ala	Phe	Asp	Leu	Thr	Ser	Pro	Asp
								180	185			190			
Asp	Val	Leu	Trp	Tyr	Thr	Leu	Tyr	Leu	Thr	Ile	Thr	Thr	Phe	Phe	Phe
								195	200			205			
Pro	Leu	Pro	Leu	Ile	Leu	Val	Cys	Tyr	Ile	Leu	Ile	Leu	Cys	Tyr	Thr
								210	215			220			
Trp	Glu	Met	Tyr	Gln	Gln	Asn	Lys	Asp	Ala	Arg	Cys	Cys	Asn	Pro	Ser
								225	230			235			240
Val	Pro	Lys	Gln	Arg	Val	Met	Lys	Leu	Thr	Lys	Met	Val	Leu	Val	Leu
								245	250			255			
Val	Val	Val	Phe	Ile	Leu	Ser	Ala	Ala	Pro	Tyr	His	Val	Ile	Gln	Leu
								260	265			270			

Val Asn Leu Gln Met Glu Gln Pro Thr Leu Ala Phe Tyr Val Gly Tyr  
 275 280 285  
 Tyr Leu Ser Ile Cys Leu Ser Tyr Ala Ser Ser Ser Ile Asn Pro Phe  
 290 295 300  
 Leu Tyr Ile Leu Leu Ser Gly Asn Phe Gln Lys Arg Leu Pro Gln Ile  
 305 310 315 320  
 Gln Arg Arg Ala Thr Glu Lys Glu Ile Asn Asn Met Gly Asn Thr Leu  
 325 330 335  
 Lys Ser His Phe  
 340

&lt;210&gt; 2

&lt;211&gt; 1023

&lt;212&gt; DNA

&lt;213&gt; Human

&lt;400&gt; 2

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gtcccacatag	ttggaatgcc	ttttcttatt	caccaatggg	cccgaggGGG	agagtgggtg	300
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attaaccctt	ttctctacat	cctgctgagt	ggaaatttcc	agaaacgtct	gcctcaaattc	960
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tag						1023

&lt;210&gt; 3

&lt;211&gt; 24

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt;

&lt;400&gt; 3

atgaatccat ttcatgcac ttgt 24

&lt;210&gt; 4

&lt;211&gt; 25

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt;

&lt;400&gt; 4

ctaaaagtgt gatttcagag tgttt

25